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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/658,571	09/09/2003	Hitoshi Tamashiro	075834.00439	3415
33448	7590	12/01/2004	EXAMINER	
ROBERT J. DEPKE LEWIS T. STEADMAN HOLLAND & KNIGHT LLC 131 SOUTH DEARBORN 30TH FLOOR CHICAGO, IL 60603				CANNING, ANTHONY J
ART UNIT		PAPER NUMBER		
		2879		

DATE MAILED: 12/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

7/26

Office Action Summary	Application No.	Applicant(s)
	10/658,571	TAMASHIRO ET AL.
	Examiner	Art Unit
	Anthony J. Canning	2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 09 September 2003.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-8 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-8 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 09 September 2003 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____

5) Notice of Informal Patent Application (PTO-152)
6) Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Taniguchi et al. (U.S. 5,239,228).

Regarding claim 1, Taniguchi et al. disclose a display apparatus comprising a panel substrate provided with light emitting devices (see Fig. 8, items 11, 15, 57, and 58; column 6, lines 55-67; column 7, lines 3-7) and driving electrodes for said light emitting devices (see Fig. 8, items 12 and 16; column 6, lines 57-61). Taniguchi et al. further disclose that said light emitting devices and said driving electrodes form a light emitting region and an electrode region (see Fig. 8). The display apparatus also comprises a sealing substrate adhered to said panel substrate through a sealing resin (see Fig. 8, items 51 and 52; column 7, lines 16-19), and a relief portion for said sealing resin at its portion opposed to the outside of said light emitting region in the condition of being adhered to said panel substrate (see Fig. 8, item 53; column 7, lines 26-28).

Regarding claim 2, Taniguchi et al. disclose the display apparatus as set forth in claim 1, wherein said relief portion (see Fig. 8, item 53) for said sealing resin is comprised of a groove (column 7, lines 16-18).

Regarding claim 3, Taniguchi et al. disclose a display apparatus as set forth in claim 1, wherein said relief portion for said sealing portion is comprised of a plurality of holes. The relief portion is comprised of a through hole (see Fig. 8, item 54) and a groove (see Fig. 8, item 53). These constitute a plurality of holes.

Regarding claim 4, Taniguchi et al. disclose a display apparatus as set forth in claim 1, wherein said relief portion for said sealing resin is comprised of a rough surface formed in a surface of said sealing substrate (see Fig. 8, item 55; column 7, lines 38-40). Moisture absorption agents must have an affinity for water molecules, and a surface area to absorb water molecules. Therefore, whether the absorption agent is a powder or a gel the surface will be rough so as to absorb as much water as possible.

Regarding claim 5, Taniguchi et al. disclose a method of manufacturing a display apparatus comprising a panel substrate provided with light emitting devices (see Fig. 8, items 11, 15, 57, and 58; column 6, lines 55-67; column 7, lines 3-7) and driving electrodes for driving said light emitting devices (see Fig. 8, items 12 and 16; column 6, lines 57-61), said light emitting devices and said driving electrodes forming a light emitting region and an electrode region (see Fig. 8), and a sealing substrate adhered to said panel substrate through a sealing resin (see Fig. 8, items 51 and 52; column 7, lines 16-19). The method comprising the step of providing said sealing substrate with a relief portion for said sealing resin at that portion of said sealing substrate which is opposed to the outside of said light emitting region in the condition where said sealing substrate is adhered to said panel substrate (see Fig. 8, item 53; column 7, lines 26-28).

Regarding claim 6, Taniguchi et al. disclose the method set forth in claim 5, wherein said relief portion for said sealing resin is comprised of a groove (column 7, lines 16-18).

Regarding claim 7, Taniguchi et al. disclose the method as set forth in claim 5, wherein said relief portion for said sealing resin is comprised of a plurality of holes. The

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relief portion is comprised of a through hole (see Fig. 8, item 54) and a groove (see Fig. 8, item 53). These constitute a plurality of holes.

Regarding claim 8, Taniguchi et al. disclose the method as set forth in claim 5, wherein said relief portion for said sealing resin is formed by roughening a surface of said sealing substrate (see Fig. 8, item 55; column 7, lines 38-40). Moisture absorption agents must have an affinity for water molecules, and a surface area to absorb water molecules. Therefore, whether the absorption agent is a powder or a gel the surface will be rough so as to absorb as much water as possible.

Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Park et al. (U.S. 6,784,612) is prior art in the field of display panels with grooves.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony J. Canning whose telephone number is (571)-272-2486. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh D. Patel can be reached on (571)-272-2457. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Anthony Canning *ac*
26 November 2004

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